AMENDMENTS

Amendments to the Claims:

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (currently amended) A method for collecting <u>image</u> data with a camera at a remote location[, selecting] and transmitting [data to selected stations on a] <u>over an</u> <u>internet protocol</u> network[, the] transmitted data<u>, the transmitted data</u> including at least one of [a] compressed digital still image <u>data</u> and compressed digital motion video <u>data</u>, the method comprising the steps of:

collecting <u>image</u> data [based on an event occurring] <u>with the camera</u> at the remote location, the collected <u>image</u> data ~~being related to a scene, the collected data including an~~ ~~image signal, the collected data defining an original scene, the data being collected on a~~ ~~preselected basis~~ <u>including uncompressed digital pixel data, the uncompressed digital</u> <u>pixel data including uncompressed digital pixel data of an original scene, the</u> <u>uncompressed digital pixel data including uncompressed digital pixel data of a</u> <u>subsequent scene, the uncompressed digital pixel data of the original scene being</u> <u>collected before the uncompressed digital pixel data of the subsequent scene</u>;

~~at the remote location generating from the collected data motion histogram values~~ ~~for regions of the scene, the motion histogram values suitable for graphically depicting~~ <u>comparing at the remote location the uncompressed digital pixel data of the original</u> <u>scene and the uncompressed digital pixel data of the subsequent scene to provide at least</u> <u>one motion difference value, the at least one motion difference value representing</u> magnitude of ~~sensed scene changes over time~~ <u>change between the uncompressed digital</u> <u>pixel data of the original scene and the uncompressed digital pixel data of the subsequent</u> <u>scene</u>;

~~generating a prioritized signal indicating a priority, the prioritized signal including time and location of an event, the prioritized signal being generated by comparing at the camera a subsequent scene to the original scene, the prioritized signal being generated in response to a modification of the original scene;~~

transmitting over the internet protocol network to a receiving station the transmitted data, the transmitted data being transmitted over the internet protocol network if the [prioritized signal] at least one difference value meets [a] at least one threshold value [indicating] , the at least one threshold value relating to modification of the original scene, ~~transmitting the prioritized signal to a receiving station located on a network,~~ the transmitted data [prioritized signal] including at least one difference value and ~~an image component, the image component including~~ at least one of the following:

compressed digital still image data of the subsequent scene, and

compressed digital motion video data of the subsequent scene; and

~~managing the transmitted prioritized signal at the receiving station~~ displaying at the receiving station transmitted data, the display of transmitted data including: a graphical representation of the at least one difference value, and at least one of the following:

compressed digital still image data of the subsequent scene, and

compressed digital motion video data of the subsequent scene.

2. (cancelled) The method of claim 1, further including in the prioritizing step the time and location of the event in the transmitted prioritized signal.

3. (cancelled) The method of claim 2, wherein the collected data includes an image signal and wherein the transmitted prioritized signal includes an image component.

4. (cancelled) The method of claim 3, wherein the collected data defines an original scene and wherein the transmitted data is generated in response to a modification of the original scene, the method further comprising:

a. collecting the data on a preselected basis;

b. defining and transmitting an original scene to the remote station;

c. comparing subsequent scenes to the original scene;

d. transmitting only those subsequent scenes differing from the original scene.

5. (cancelled) The method of claim 4, wherein the comparing step is completed at the camera.

6. (currently amended) The method of claim [5,] 1 and further comprising:

wherein [the data is in the form of digital pixels and wherein the comparing step comprises] comparing includes identifying change information, the change information including only [those pixels] digital pixel data altered from the original scene.

7. (currently amended) The method of claim [6, further comprising] 6 and further comprising:

[the step of] generating a change histogram from the change information [created in the comparing step].

8. (currently amended) The method of claim [4,] 1 and further comprising:

[the step of] masking [specific regions of the] a region of a scene in order to [ignore changes] avoid comparing uncompressed digital pixel data in said region.

9. (currently amended) The method of claim [4, and further including the step of] 1 and further comprising:

tagging [each transmitted image] with unique identifying data the transmitted data.

10. (currently amended) The method of claim 9[,] and further comprising:

wherein [the] tagging [step] is performed at the remote location.

11. (currently amended) The method of claim 9[,] and further comprising:

wherein the identifying data includes [the] a date and time of [the data of defining a] the subsequent scene.

12. (currently amended) The method of claim [9, further] 9 and further comprising:

wherein the identifying data further includes [the] a duration of the [data defining a] subsequent scene.

13. (currently amended) The method of claim [11, further] 11 and further comprising:

[including a plurality of cameras and] wherein the identifying data further includes a camera identifier.

14. (currently amended) The method of claim [4, further including] 1 and further comprising:

displaying the transmitted data on a visual [monitor] display at the remote location~~, the transmitted data be selectively displayed at the monitor~~.

15. (currently amended) The method of claim 14[,] and further comprising:
wherein the transmitted data is displayed [at the monitor] in near real-time.

16. (currently amended) The method of claim 14[, further including] and further comprising:

[the step of] tagging [each transmitted image] the transmitted data with unique identifying data.

17. (currently amended) The method of claim 16[,] and further comprising:
[wherein] displaying with the transmitted data the unique identifying data ~~is displayed with the displayed data~~.

18. (currently amended) The method of claim 17[,] and further comprising:
[wherein the monitor further includes] displaying with the transmitted data a map [of the scene].

19. (currently amended) The method of claim 18[, further including] _and further comprising:_

[a plurality of cameras and wherein] _displaying on the map_ an icon representing each [camera is provided on the map] _of a plurality of cameras_.

20. (currently amended) The method of claim 19[, further including] _and further comprising:_

[an indicator that is activated] _activating a camera indicator_ when [the] _transmitted_ data from a [specific] _corresponding_ camera is displayed [on the monitor and deactivated at other times].

21. (currently amended) The method of claim [4,] _1 and_ further comprising:

[the step of] storing the _transmitted_ data at the remote location.

22. (currently amended) The method of claim 21[, further including] _and further comprising:_

[the step of] retrieving _from the remote location_ [the data from] the stored _transmitted_ data [on command].

23. (currently amended) The method of claim 22[, further including] _and further comprising:_

[the step of] tagging [each transmitted image] with unique identifying data _the transmitted data_.

24. (currently amended) The method of claim 23[,] _and further comprising:_

wherein the tagging [step] is performed at the remote location.

25. (currently amended) The method of claim 23[,] _and further comprising:_

wherein the identifying data includes [the] _a_ date and time of [the data of defining a] _the subsequent_ scene.

26. (currently amended) The method of claim 25[, further] and further comprising:

wherein the identifying data further includes [the] a duration of the [data defining a] subsequent scene.

27. (currently amended) The method of claim 25[, further including] and further comprising:

[a plurality of cameras and] wherein the identifying data further includes a camera identifier.

28. (currently amended) The method of claim 1 and further comprising:

[, wherein the managing step comprises] managing the transmitted data at the receiving station, wherein managing includes generating an alarm at the receiving station.

29. (currently amended) The method of claim 1 and further comprising:

[, wherein the managing step comprises] displaying the transmitted [signal] data at the receiving station.

30. (currently amended) The method of claim 1 and further comprising:

[, wherein the managing step comprises] generating an alarm and displaying the transmitted [signal] data at the receiving station.

31. (currently amended) The method of claim 1 and further comprising:

[, wherein the managing step comprises] storing the transmitted [signal] data at the receiving station.

32. (canceled) A method for collecting, selecting and transmitting selected event data available at a remote location, comprising the steps of:

collecting data on a preselected basis, wherein the data is related to a scene in which individual motion histograms suitable for graphically depicting sensed scene changes are generated for separate region of the scene;

defining and transmitting original data to the remote location;

comparing subsequent event data to baseline data;

transmitting only event data differing from the baseline data;

tagging each transmitted event data signal with unique identifying data; and

storing the transmitted event data at the remote location.

33. (cancelled) The method of claim 32, further including the step of retrieving the event data from the stored event data on command.

34. (cancelled) The method of claim 32, wherein the tagging step is performed at the remote location.

35. (cancelled) The method of claim 32, wherein the identifying data includes the date and time of the corresponding scene data.

36. (cancelled) The method of claim 35, further wherein the identifying data further includes the duration of the corresponding event data.

37. (cancelled) The method of claim 32, further including a plurality of cameras and wherein the identifying data further includes a camera identifier.

38. (cancelled) The method of claim 1, further including a central management system and wherein the prioritizing step occurs after the collected data is sent to the management system.

39. (cancelled) The method of claim 38, further including retransmission of the data based on the
prioritization of the data at the central management system.

40. (cancelled) The method of claim 39, wherein the retransmission step includes transmitting the data to selected recipients based on the prioritization step.

41. (cancelled) The method of claim 39, wherein the retransmission step includes generating a visual icon on a graphic display at a remote location.

42. (cancelled) The method of claim 39, wherein the retransmission step includes generating a voice signal at selected remote locations.

43. (cancelled) The method of claim 39, wherein the retransmission step includes a substep of defining a recipient hierarchy and retransmitting in sequence in accordance with the hierarchy.

44. (cancelled) The method of claim 43, further including the step providing a positive response signal to the central management system for indicating that a retransmitted signal has been received by a selected recipient.

45. (cancelled) The method of claim 44, further including the step of password encoding recipient.

46. (cancelled) The method of claim 44, further including the step of managing the system through the central management system by a selected recipient after a retransmitted message has been received.

47. (cancelled) The method of claim 1, wherein the prioritizing step occurs prior to the transmitting step.

48. (cancelled) The method of claim 1, wherein the prioritizing step occurs at a first hierarchy prior to the transmitting step and at a second hierarchy after the transmitting step.

49. (cancelled) The method of claim 1, further including the step of generating a notification signal in response to a transmitted prioritized signal.

50. (cancelled) The method of claim 49, wherein the notification signal is transmitted to selected recipients on a network.

51. (cancelled) The method of claim 50, wherein the notification signal is repeatedly transmitted until a selected recipient responds to the notification signal.

52. (cancelled) The method of claim 50, further including the step of assigning a prioritization hierarchy to a plurality of recipients and wherein the notification signal is transmitted to recipients based on this hierarchy.

53. (cancelled) The method of claim 49, wherein the notification signal is transmitted to monitoring stations on a network.

54. (cancelled) The method of claim 49, wherein the notification signal is transmitted via telephonic means.

55. (cancelled) The method of claim 49, wherein the notification signal is transmitted via email.

56. (cancelled) The method of claim 55, wherein the e-mail further includes an attachment including additional, event specific data.

57. (cancelled) The method of claim 56, wherein the attachments is image data.

58. (cancelled) The method of claim 50, wherein the receipt and response to the notification signal is password protected.

59. (currently amended) The method of claim [3, including the steps of] 1 and further comprising:

training the camera on an access control system at a facility at the remote location;

capturing [an] image data of personnel attempting to gain access to a facility through [an] the access control system; and

logging all [successful] entry attempts[,] in log data, the log data identifying all successful entry attempts and all unsuccessful entry attempts.

60. (currently amended) The method of claim [21, including the step of] 59 and further comprising:

searching the [database by] stored transmitted data for any combination of stored transmitted data specific individual, class of individual, by successful accesses, by unsuccessful accesses, by specific portal of entry with qualifiers of time, day, and location.

61. (currently amended) The method of claim 60 [including the step of] and further comprising:

[providing an image] retrieving stored transmitted data and log data[, the stored transmitted data including of [those] personnel attempting to gain access to a facility through along with the results of a search of the database by any of a specific individual, class of individual, by successful accesses, by unsuccessful accesses, by specific portal of entry with qualifiers of time, day, location].

62. (currently amended) The method of claim 1[,] and further comprising:
wherein [the] collecting [step] includes collecting event data at [a] the remote location; identifying the event data;

prioritizing the event data[,] based on an event prioritization hierarchy to provide an event data priority; and

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wherein the transmitting [step] includes selectively transmitting the transmitted data [to selective monitoring stations on a network] based on [an event prioritization hierarchy] the event data priority.

63. (currently amended) The method of claim 62[, including the step of] and further comprising:

[comparing data generated at a remote location to determine] determining the occurrence of an event by comparing at least one of the following:

the uncompressed digital pixel data of the original scene and the uncompressed digital pixel data of the subsequent scene, the at least one motion difference value and the at least one threshold value, compressed digital still image data of the subsequent scene and compressed digital still image data of the original scene, compressed digital motion video data of the subsequent scene and compressed digital motion video data of the original scene [and the transmitting step further includes the data to a selective monitoring station indicating the occurrence of an event].

64. (currently amended) The method of claim 1[,] and further comprising:

wherein the collecting [step] includes collecting [video and still images of a scene and wherein the transmitting step includes transmitting any change in the scene in near real-time to a remote location] both digital still image data and digital motion video data.

65. (currently amended) The method of claim 1[, further including the step of] and further comprising:

[further including the step of] compressing the [data] uncompressed digital pixel data of the subsequent scene prior to [the] transmitting [step].

66. (currently amended) The method of claim 65[,] and further comprising:

wherein [the] compressing [step] further includes [minimizing the amount of data] prior to compressing reducing in amount the uncompressed digital pixel data of the subsequent scene [data] to be compressed [transmitted] without any loss of critical change data.

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67. (currently amended) The method of claim 1[, further including the steps of] and further comprising:

defining [the data in] blocks of data including at least one of the uncompressed digital pixel data and the compressed digital pixel data: [and]

tagging [each block] the blocks of data with a unique identifier [for enhancing storage, search and retrieval].

68. (currently amended) The method of claim 6[, including the step of] and further comprising:

quantifying the [amount of] change information [between scenes].

69. (currently amended) The method of claim 6[, including the steps of] and further comprising:

[quantifying the amount of change between scenes and reporting such as an indication of] providing a level of motion indicator quantifying the change information.

70. (currently amended) The method of claim 6[, including the step of] and further comprising:

[ignoring anticipated or minimal changes in a scene by] applying pre-selected criteria to cause anticipated change information to be disregarded.

71. (currently amended) The method of claim 6[, including the step of] and further comprising:

blocking [of specified regions] at least one region of a scene to [further enhance the monitoring, transmission and definition of the changes in the scene of a frame-to-frame basis] cause change information to be disregarded when identifying change information.

72. (currently amended) The method of claim 1[,] and further comprising:

[wherein] managing the transmitted data at the receiving station by [step further includes the step of] correlating correlate motion between at least two [or more] cameras to determine if a motion detection event [should be] is identified [in order to eliminate false alarms].

73. (currently amended) The method of claim 1[, further including the step of] and further comprising:
controlling [all] functions [and steps] from a [single interactive monitor] screen display.

74. (currently amended) The method of claim 73[, including the step of] and further comprising:
providing simultaneous access for at least two [or more monitor screens] screen displays each allowing functions [of the system] to be controlled [by that interactive monitor].

75. (currently amended) The method of claim 6[, including the step of] and further comprising:
detecting the appearance or disappearance of an object.

76. (cancelled) The method of claim 49, wherein the notification step includes detection of the presence of unauthorized events in a monitored zone and the transmitting step includes transmitting the detection to selected remote stations on a network on a near real-time basis.

77. (cancelled) The method of claim 49, wherein the notification step includes routing detected events, whereby the location of the incident may be visually located on a map at the remote station.

78. (withdrawn) A method for determining a response due to a change in image data, the method comprising:
capturing image data;

capturing a change in the image data;

calculating a difference between the image data and the change in the image data;

generating a comparison histogram, based on the difference, indicating a degree of the difference; and

determining an appropriate response based on the degree of the difference.

79. (withdrawn) A method for determining a response due to a change in image data, the method comprising:

capturing image data;

capturing a change in the image data;

calculating a difference between the image data and the change in the image data; if the difference is above a threshold, generating a comparison histogram, based on the difference, the histogram indicating a degree of the difference; and

determining an appropriate response based on the degree of the difference.

80. (withdrawn) A method for determining a response due to a change in image data, the method comprising:

capturing image data at a plurality of positions from a plurality of cameras, capturing a change in the image data from the plurality of cameras;

if the change is above a threshold from the plurality of positions, correlating the change from the plurality of cameras; and

calculating a difference between the image data and the correlated change in the image data.

81. (withdrawn) A method for determining a response due to a change in image data, the method comprising:

capturing image data at a plurality of positions from a plurality of cameras; capturing a change in the image data from the plurality of cameras,

if the change is above a threshold from the plurality of positions, correlating the change from the plurality of cameras;

calculating a difference between the image data and the correlated change in the image data;

generating a comparison histogram, based on the difference, the histogram indicating a degree of the difference; and

determining an appropriate response based on the degree of the difference.

82. (withdrawn) A method for determining a response due to a change in image data, the method comprising:

capturing image data,

capturing a change in the image data;

calculating a luminance difference between the image data and the change in the image data;

determining a degree of the difference based on differences between pixels associated with the change; and

determining an appropriate response based on the degree of the difference.

83. (withdrawn) A method for determining a response due to a change in image data, the method comprising:

capturing image data;

masking a portion of the image data;

capturing a change in the non-masked portion of the image data;

calculating a difference between the image data and the change in the non-masked portion of the image data; and

generating a comparison histogram, based on the difference, indicating a degree of the difference.

84. (withdrawn) A method for determining a response due to a change in image data, the method comprising:

capturing image data;

masking a portion of the image data;

enlarging the masked portion;

capturing a change in the non-enlarged masked portion of the image data, calculating a difference between the image data and the change in the non-masked portion of the image data; and

generating a comparison histogram, based on the difference, indicating a degree of the difference.

85. (withdrawn) A method for determining a response due to a change in image data, the method comprising:

capturing image data;

automatically masking a portion of the image data where an event consistently occurs,

enlarging the masked portion,

capturing a change in the non-enlarged masked portion of the image data; calculating a difference between the image data and the change in the non-masked portion of the image data, and

generating a comparison histogram, based on the difference, indicating a degree of the difference.

86. (withdrawn) A method for determining a response due to a change in image data, the method comprising:

capturing image data,

masking a portion of the image data,

capturing a change in the masked portion of the image data;

calculating a difference between the image data and the change in the masked portion of the image data; and

generating an alarm based on the difference.

87. (withdrawn) A method for determining a response due to a change in image data, the method comprising:

capturing a prior image scene;

capturing a current image scene,

calculating a difference between the scenes;

producing a difference scene based on the calculated difference;

creating a statistical summary of the difference scene,

summing value changes of the difference scene statistics; and

if the summed changes exceeds a threshold, determining an event has occurred.

88. (withdrawn) A method for indicating an event in a video stream, comprising:

detecting the event; and

displaying the event;

wherein an indication of an increased amount of the event can be displayed by altering a first icon;

wherein an indication of a decreased amount of the event can be displayed by altering a second icon;

wherein the first icon and the second icon can be altered at a faster rate to indicate an increased amount of the event;

wherein the first icon and the second icon can be altered a faster rate to indicate an increased length of the event;

wherein the first icon and the second icon can be altered at a slower rate to indicate a decreased amount of the event;

wherein the first icon and the second icon can be altered at a slower rate to indicate a decreased length of the event; and

wherein the altering consists of at least one of a following item:

a flashing of the icon;

a blinking of the icon;

a brightness of the icon; a color of the icon;

a contrast of the icon; and an outline of the icon.

89. (withdrawn) A method for indicating an event in a video stream, comprising:

detecting the event; and

displaying the event;

wherein an indication of an increased amount of the event can be displayed by altering an icon at an increased rate; and

wherein an indication of a decreased amount of the event can be displayed by altering the icon at a decreased rate.

90. (currently amended) A camera adapted to be connected to a packet switching network, the camera being adapted to capture a time series of still frame images in a field of view, the time series of still frame images corresponding respectively to a time series of scenes in the field of view, the camera being adapted to transmit over the packet switching network sequences of data packets, certain of the sequences each including a respective compressed set of digitized pixel data, each compressed set of digitized pixel data representing a respective still frame image, the camera comprising:

a digital encoder adapted to produce digitized pixel data in digital format, the digital encoder being operable to produce a first set of digitized pixel data representing a first still frame image of a first scene, the digital encoder being operable to produce a second set of digitized pixel data representing a second still frame image of a second scene, the first scene preceding the second scene in the field of view;

a memory adapted to store the first set of digitized pixel data;

a difference algorithm embodied in suitable media, the difference algorithm when executed being adapted to produce a set of pixel difference values, the set of pixel difference values being calculated by comparison of digitized pixel data selected from the first set of digitized pixel data with corresponding digitized pixel data selected from the second set of digitized pixel data, a selected set of pixel difference values being compared to at least one threshold value, comparison of the selected set of pixel difference values and the at least one threshold value providing an indicator, the indicator in at least one potential circumstance providing indication of an event;

a compression algorithm embodied in suitable media, the compression algorithm being executable to compress the second set of digitized pixel data only when the indicator provides indication of the event, the compression algorithm when executed being adapted to compress the second set of digitized pixel data to produce a compressed second set of digitized pixel data; and

the camera being adapted to send over the packet switching network in a second sequence of data packets the compressed second set of digitized pixel data <u>and at least one of the following:</u>

<u>the selected set of pixel difference values and the indicator, the second sequence of data packets being sent over the packet switching network</u> only when the indicator provides indication of the event.

91. (previously presented) A camera according to claim 90 and further comprising:

the difference algorithm when executed being adapted to produce a histogram, the histogram summarizing a selected set of pixel difference values;

the camera being adapted to send over the packet switching network in a sequence of data packets a set of data representing the histogram.

92. (previously presented) A camera according to claim 91 and further comprising:

the histogram including a set of indicator bar values, each indicator bar value corresponding to a respective region of the field of view, each indicator bar value representing a selected set of pixel difference values in the respective region.

93. (previously presented) A camera according to claim 92 and further comprising:

each indicator bar value representing a count of a selected set of pixel difference values each exceeding a threshold value in the respective region.

94. (previously presented) A camera according to claim 90 and further comprising:

at least one comparison value being derived from the selected set of pixel difference values, comparison of the at least one comparison value and the at least one threshold value providing the indicator.

95. (previously presented)   A camera according to claim 90 and further comprising:

a processor adapted to drive execution of at least the difference algorithm.

96. (previously presented) A camera according to claim 90 and further comprising:

a memory adapted to store the second set of digitized pixel data.

97. (previously presented) A camera according to claim 90 and further comprising:

the difference algorithm being embodied in media which includes executable software.

98. (previously presented) A camera according to claim 90 and further comprising:

the compression algorithm being embodied in media which includes an application specific integrated circuit.

99. (previously presented) A camera according to claim 90 and further comprising:

the camera being adapted to send over the packet switching network in a sequence of data packets a set of data representing the histogram and the compressed second set of digitized pixel data, such that a recipient monitoring station can display for viewing the histogram, the compressed second set of digitized pixel data.

100. (previously presented) A camera according to claim 90 and further comprising:

a compression algorithm embodied in suitable media, the compression algorithm when executed being adapted initially to compress the first set of digitized pixel data to produce a compressed first set of digitized pixel data;

the camera being adapted initially to send over the packet switching network in a first sequence of data packets the compressed first set of digitized pixel data, the first sequence of data packets when sent over the packet switching network preceding the second sequence of data packets.

101. (previously presented) A camera according to claim 90 and further comprising:

a network interface adapted to transmit over the packet switching network sequences of data packets, the network interface including a network stack adapted to produce data packets.

102. (currently amended) A camera adapted to be connected to a packet switching network, the camera being adapted to capture a time series of still frame images in a field of view, the time series of still frame images corresponding respectively to a time series of scenes in the field of view, the camera being adapted to transmit over the packet switching network sequences of data packets, certain of the sequences each including a respective compressed set of digitized pixel data, each compressed set of digitized pixel data representing a respective still frame image, the camera comprising:

a digital encoder adapted to produce digitized pixel data in digital format, the digital encoder being operable to produce a first set of digitized pixel data representing a first still frame image of a first scene, the digital encoder being operable to produce a second set of digitized pixel data representing a second still frame image of a second scene, the first scene preceding the second scene in the field of view;

memory adapted to store the first set of digitized pixel data and the second set of digitized pixel data;

a processor adapted to drive execution of the difference algorithm;

a difference algorithm embodied in media, the media including executable software, the difference algorithm when executed being adapted to produce a set of pixel difference values, the set of pixel difference values being calculated by comparison of digitized pixel data selected from the first set of digitized pixel data with corresponding digitized pixel data selected from the second set of digitized pixel data, a selected set of

pixel difference values being compared to at least one threshold value, comparison of the selected set of pixel difference values and the at least one threshold value providing an indicator, the indicator in at least one circumstance providing indication of an event, the difference algorithm when executed being adapted to produce a histogram, the histogram summarizing a selected set of pixel difference values, the histogram including a set of indicator bar values, each indicator bar value corresponding to a respective region of the field of view, each indicator bar value representing a selected set of pixel difference values in the respective region;

a compression algorithm embodied in at least one application specific integrated circuit, the compression algorithm being executable when the indicator provides indication of the event, the compression algorithm when executed being adapted to compress the second set of digitized pixel data to produce a compressed second set of digitized pixel data; and

the camera being adapted to send over the packet switching network in a second sequence of data packets the compressed second set of digitized pixel data <u>and at least one of the following:</u>

<u>the selected set of pixel difference values, the indicator, and a set   of data representing the histogram,</u>

<u>the second sequence of data packets being sent over the packet switching network only when the indicator provides indication of the event,</u> ~~the camera being adapted to send over the packet switching network in a sequence of data packets a set of data representing the histogram,~~ such that a recipient monitoring station can display for viewing the histogram and the compressed second set of digitized pixel data.

103.   (previously presented) A camera according to claim 102 and further comprising:

each indicator bar value representing a count of a selected set of pixel difference values each exceeding a threshold value in the respective region.

104.   (previously presented) A camera according to claim 102 and further comprising:

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at least one comparison value being derived from the selected set of pixel difference values, comparison of the at least one comparison value and the at least one threshold value providing the indicator.

105. (previously presented) A camera according to claim 102 and further comprising:

a compression algorithm embodied in suitable media, the compression algorithm when executed being adapted initially to compress the first set of digitized pixel data to produce a compressed first set of digitized pixel data;

the camera being adapted initially to send over the packet switching network in a first sequence of data packets the compressed first set of digitized pixel data, the first sequence of data packets when sent over the packet switching network preceding the second sequence of data packets.

106. (previously presented) A camera according to claim 90 and further comprising:

a network interface adapted to transmit over the packet switching network sequences of data packets, the network interface including a network stack adapted to produce data packets.

107. (previously presented) A camera according to claim 106 and further comprising:

a compression algorithm embodied in suitable media, the compression algorithm when executed being adapted to compress the first set of digitized pixel data to produce a compressed first set of digitized pixel data;

the camera being adapted to initially send over the packet switching network in a first sequence of data packets the compressed first set of digitized pixel data, the first sequence of data packets preceding the second sequence of data packets.